

FORM PTO-1390 (Modified)  
(REV. 07-2004)

U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

XA-10227

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

**10/517259**INTERNATIONAL APPLICATION NO.  
**PCT/JP2003/007791**INTERNATIONAL FILING DATE  
**19 June 2003**PRIORITY DATE CLAIMED  
**19 June 2002**

TITLE OF INVENTION

**IMPACT ABSORBING TYPE STEERING COLUMN APPARATUS FOR AUTOMOTIVE VEHICLE**

APPLICANT(S) FOR DO/EO/US

**SADAKATA, Kiyoshi; HIGASHINO, Kiyoharu; AIDA, Akira; KAWAIKE, Yuji**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☒ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

**Items 13 to 23 below concern document(s) or information included:**

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☒ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☐ Express Mail Label No.
23. ☒ Other items or information:

**15 Sheets of Formal Drawings (Figs. 1-15D)  
Copy of Form PCT/IB/308**

**ASSIGNEE INFORMATION:  
Assignee: NSK Ltd.**

|  |   |   |
|--|---|---|
| U.S. APPLICATION NO. (if known) <b>10/517259</b> | INTERNATIONAL APPLICATION NO.<br><b>PCT/JP2003/007791</b> | ATTORNEY'S DOCKET NUMBER<br><b>XA-10227</b> |
|--|---|---|

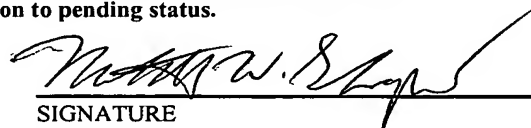
|  |              |              |           |                                  |    |
|--|--------------|--------------|-----------|----------------------------------|----|
| 24. The following fees are submitted:  |              |              |           | <b>CALCULATIONS PTO USE ONLY</b> |    |
| <b>BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)) :</b>   |              |              |           |                                  |    |
| <input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... |              |              |           | \$1110.00                        |    |
| <input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....  |              |              |           | \$950.00                         |    |
| <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....  |              |              |           | \$790.00                         |    |
| <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....   |              |              |           | \$750.00                         |    |
| <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....   |              |              |           | \$100.00                         |    |
| <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>  |              |              |           | <b>\$950.00</b>                  |    |
| Surcharge of \$130.00 for furnishing the oath or declaration later than _____ months from the earliest claimed priority date (37 CFR 1.492(e)).  |              |              |           | \$0.00                           |    |
| CLAIMS   | NUMBER FILED | NUMBER EXTRA | RATE      |                                  |    |
| Total claims   | 8 - 20 =     | 0            | x \$18.00 | \$0.00                           |    |
| Independent claims   | 2 - 3 =      | 0            | x \$88.00 | \$0.00                           |    |
| Multiple Dependent Claims (check if applicable).   |              |              |           | \$0.00                           |    |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |              |              |           | <b>\$950.00</b>                  |    |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.   |              |              |           | \$0.00                           |    |
| <b>SUBTOTAL =</b>  |              |              |           | <b>\$950.00</b>                  |    |
| Processing fee of \$130.00 for furnishing the English translation later than _____ months from the earliest claimed priority date (37 CFR 1.492(f)).   |              |              |           | \$0.00                           |    |
| <b>TOTAL NATIONAL FEE =</b>  |              |              |           | <b>\$950.00</b>                  |    |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).  |              |              |           | \$40.00                          |    |
| <b>TOTAL FEES ENCLOSED =</b>   |              |              |           | <b>\$990.00</b>                  |    |
|  |              |              |           | Amount to be: refunded           | \$ |
|  |              |              |           | charged                          | \$ |

- a. ☒ A check in the amount of \$990.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_ to cover the above fees.
- c. ☒ The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1165
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Customer No. 181

  
SIGNATURE

Mitchell W. Shapiro

NAME

31,568

REGISTRATION NUMBER

7 December 2004

DATE



**Rec'd PCT/PTO 07 DEC 2004**  
UNITED STATES PATENT AND TRADEMARK OFFICE

10/517259

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

| APPLICATION NUMBER | PATENT NUMBER | GROUP ART UNIT | FILE WRAPPER LOCATION |
|--------------------|---------------|----------------|-----------------------|
| 10/517,259         |               | 3616           | 50C0                  |

### Change of Address/Power of Attorney

The following fields have been set to Customer Number 181 on 01/31/2005

- Correspondence Address
- Power of Attorney
- Maintenance Fee Address

**The address of record for Customer Number 181 is:**

MILES & STOCKBRIDGE PC  
1751 PINNACLE DRIVE  
SUITE 500  
MCLEAN, VA 22102-3833

The Practitioners of record for Customer Number 181 are:

### PTO INSTRUCTIONS:

Please take the following action when the correspondence address has been changed to a customer number:

- 1) Add 'ADDRESS CHANGE TO CUSTOMER NUMBER' on the next available content line of the File Jacket.
- 2) Put a line through the old address on the File Jacket and enter the Customer Number as the new address.
- 3) File this Notice in the File Jacket.

Please take the following action when the correspondence address has NOT been changed:

- 1) File this Notice in the File Jacket